

# **STUDY ON SELECTING NEW HYBRID MAIZE VARIETIES FOR CHO DON DISTRICT, BAC KAN PROVINCE**

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## **Summary**

To select hybrid maize varieties with good growth, high productivity, adaptable to natural and socio-economic conditions in Cho Don district, Bac Kan province, the experiment of 8 hybrid maize varieties and control varieties NK4300 were designed. The experiment was arranged in a randomized complete block design, repeated three times, carried out in 2 spring crops in 2016-2017. The research results showed that the growing time of maize varieties ranged from 102 to 110 days (spring 2016) and from 102 to 112 days (spring 2017) that suitable for crop rotation model applied in Cho Don district, Bac Kan province. All varieties had falling resistant capacity and good pest control. The actual yield of studied varieties ranged from 5.18 to 6.86 tons/ ha (spring 2016) and from 5.38 to 6.72 tons/ ha (spring 2016). F 273 had the best growth rate, the best state of trees, the best corn status and had higher and more stable actual yield than others (6.72 to 6.86 tons/ha).

*Keywords: Cho Don district, development, growth, Bac Kan province, hybrid maize varieties, spring crops.*